

Leydig, Voit & Mayer, Ltd.
Attorneys at Law
Two Prudential Plaza
Suite 4900
180 North Stetson
Chicago, Illinois 60601-6780

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE, Francis V. Chisari and Andreas Cerny, of 1010 Crest Road, Del Mar, California 92014, and Studerstrasse 68, 3004 Berne, Switzerland, respectively, have invented and own a certain new and useful invention entitled:

PEPTIDES FOR INDUCING CYTOTOXIC T LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS

for which invention we have executed an application for Letters Patent of the United States which was filed on March 17, 1994, under Serial No. 08/214,650; and

WHEREAS, The Scripps Research Institute, of 10666 North Torrey Pines Road, La Jolla, California 92037 (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we have assigned and set over, and by this document do assign and set over, to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in and to the invention in the United States and every foreign country, the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) in the United States and every foreign country, and the Letters Patents or extensions thereof, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent in the United States to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the above-mentioned Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the United States application (or other application if any there be) in priority to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the

invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunder set our hands this 5th day of April, 1994.

Francis V. Chisari
FRANCIS V. CHISARI

STATE OF)
) SS:
COUNTY OF)

On this _____ day of _____, 1994, before me, a Notary Public in and for said county, appeared Francis V. Chisari, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}

Notary Public

My Commission Expires: _____

STATE OF)
) SS:
COUNTY OF)

ANDREAS CERNY

On this _____ day of _____, 1994, before me, a Notary Public in and for said county, appeared Andreas Cerny, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}

Notary Public

My Commission Expires: _____

invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunder set our hands this _____ day of _____, 1994.

FRANCIS V. CHISARI

STATE OF)
) SS:
COUNTY OF)

On this _____ day of _____, 1994, before me, a Notary Public in and for said county, appeared Francis V. Chisari, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Notary Public

{SEAL}

My Commission Expires: _____

Dated: 4-25-94

Andreas Cerny
ANDREAS CERNY

WITNESSED BY:


[Signature]

BEER Juerg Haus M.D.
[Printed Name]

Dated: 4-25-94

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CLERK OFFICE
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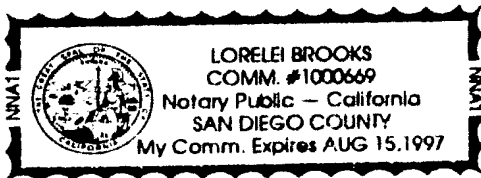
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LYMPHOCYTE RESPONSES TO HEPATITIS C VIRUS

State of California)
County of San Diego) SS

On April 5th, 1994, before me, Lorelei Brooks,
Francis V. Miesaki, personally appeared

_____, personally
known to me - OR - proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to
the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and
that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.

WITNESS my hand and official seal.



Lorelei Brooks
Notary Public
My Commission Expires: 8/15/94